

# DHI-PHSIA0.9-CH

Indoor Fine Pixel Pitch LED



## Features :

- Mini COB(Chips on Board) technology.
- Ultra-thin 39mm and super-light 4.0kg design.
- 16:9 Golden aspect ratio , can easily achieve pixel to pixel 2K,4K,8K,16K resolution.
- CNC die-casting aluminum cabinet,splicing tolerance is controlled within  $\pm 0.1$ mm.
- All parts support front maintenance.
- Dot by dot calibration ensures color richness and brightness uniformity.



## Technical Specification

### Model

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### Parameters

Pixel Pitch	0.9375mm
Pixel Configuration	1R1G1B
LED Type	Flip COB Chip
Brightness (Max)	800 nit
Color Temperature	9300K $\pm$ 200K
Viewing Angle	H160° / V160°
Pixel Density	1,137,778 dots/m <sup>2</sup>
Module Size	150mm $\times$ 168.75mm
Module Resolution	160x180 dots
Cabinet Size	W600mm $\times$ H337.5mm $\times$ D39.5mm
Cabinet Resolution (W $\times$ H)	640 $\times$ 360 dots
Cabinet Weight	4.0 kg $\pm$ 0.1
Cabinet Material	Die-casting Aluminum

Operating Temperature/ Humidity	-10 C $\sim$ +40 C/10 $\sim$ 80%RH
Storage Temperature/ Humidity	-20 C $\sim$ +60 C/10 $\sim$ 80%RH
IP Rating	Front IP65/Rear IP43
Aspect Ratio	16:9
Gray Scale	12-14 bit
Contrast Ratio	10000:1
Refresh Rate	3840Hz
Input Voltage	AC 100 $\sim$ 220V (+/-10%)
Input Power (max)	370 W/m <sup>2</sup>
Input Power (Avg)	125 W/m <sup>2</sup>
Installation	Wall Mounted/Floor Mounted
Maintenance	Front Maintenance
Lamp Lifespan	$\geq$ 100,000 H
Signal Transmission Distance	CAT5 Cable ( L $\leq$ 100m ), multi-mode fiber ( L $\leq$ 300m ), single mode fiber ( L $\leq$ 10km)